

FOR GUIDANCE USE ONLY



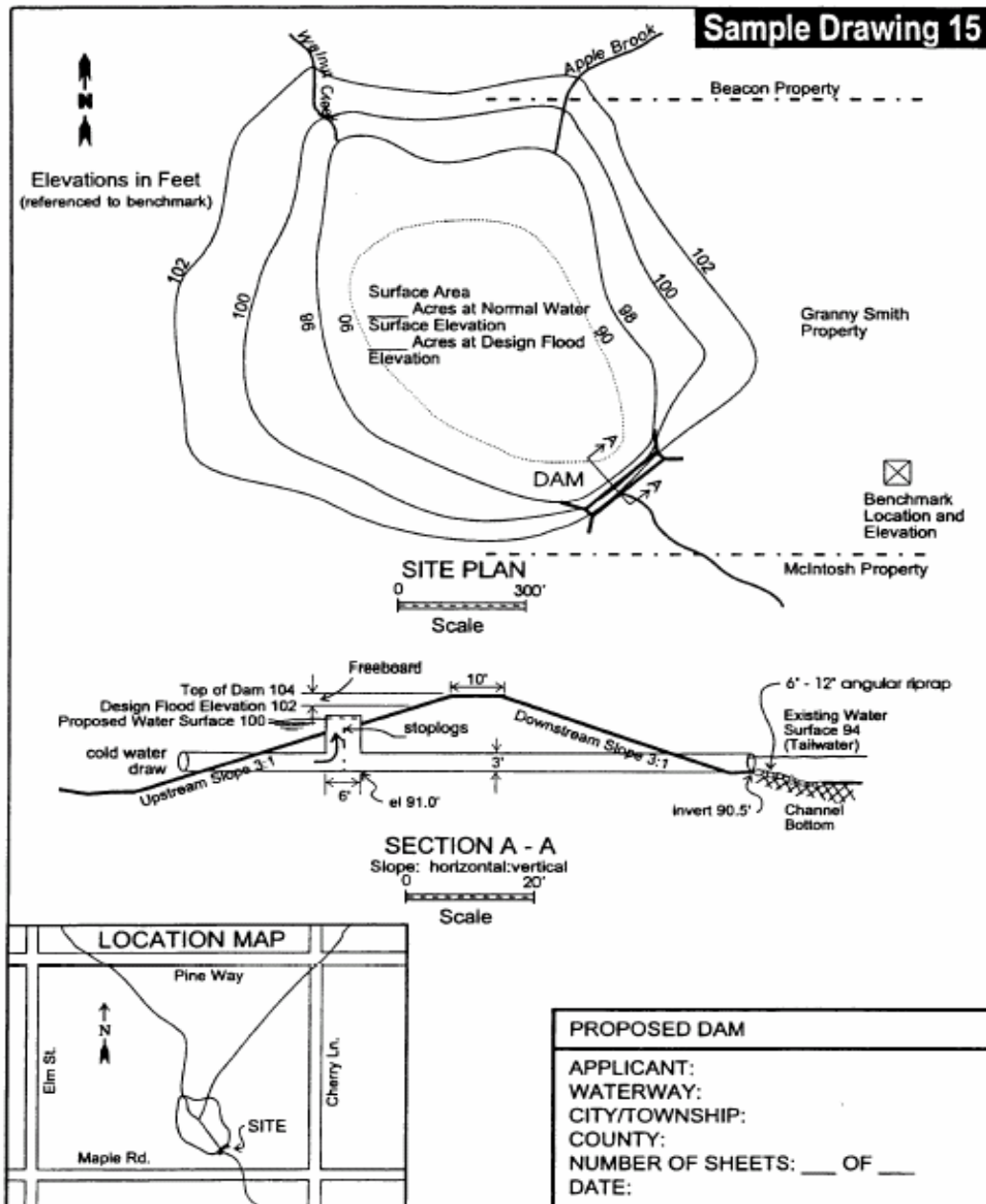
Dam Projects

**MDEQ
LWMD
MP/GP**

Use this table to determine the criteria, fee, and requirements needed to complete your permit application

Regulatory Reference	Fee	General Criteria	Application Requirements
315. Dam Safety *R 281.1306 Rule 6 (4)	\$100	<p>Dam alteration or repair:</p> <ul style="list-style-type: none"> • Dam height is 6 feet or greater • Temporary drawdown for inspection purposes only: <ul style="list-style-type: none"> ❖ 2 feet or less, or ❖ Dam owner is the sole riparian of the surrounding lands • Dredging/filling <ul style="list-style-type: none"> ❖ More than 25 cubic yards but less than 300 cubic yards total upon completion ❖ Dredge soils are of clean, nonpolluting material • Actions are taken to <ul style="list-style-type: none"> ❖ Provide erosion protection measures, such as bank stabilization and ❖ Involve the protection or improvement of dam and its inlet and outlet channels • Fill material associated with erosion protection methods must meet the following: <ul style="list-style-type: none"> ❖ Volume greater than 25 cubic yards but less than 300 cubic yards ❖ Surface area 10,000 square feet or less. ❖ 2 cubic yards or less per lineal foot • Does not include dam removal, or abandonment 	<ul style="list-style-type: none"> • Sections 1-9 & 17 • Others such as 10A, 10B, 10C, 12, 13, & 15 may apply • Provide site specific project site plan & cross section drawing • Site location map • All maps & drawings must be reproducible • Stake project location(s) • Provide photos • Refer to sample drawings on back or in Appendix B 1 & 15 <p>Additional drawings are available in the <i>JPA Training Manual</i> at www.michigan.gov/jointpermit</p>

*Project must represent the least damaging alternative to the regulated resource. This information is to be used solely as a guide to assist individuals in filling out the joint permit application. Note that not every project will fall into the above listed fee categories. If staff determines more information and/or a higher fee is needed before the application can be considered administratively complete, you will be notified and the file will be closed. Review of the application, up to 6 months from the closure date, will continue when all of the requested information is received.



Complete **Section 17** and **Sections 10A, 10B, 10C, 11, 12, 14, and 16** if applicable to your project.

Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review, include:

- ☐ Overall site plan showing existing lakes, streams, wetlands, *floodplains*, and other water features.
- ☐ Name of waterbodies, property boundaries, and neighboring property owner information.
- ☐ Highest known and observed water elevations (ft) and dates of observations (M/D/Y).
- ☐ Datum used (IGLD 85, NGVD 29, or local) and a description of the reference point or benchmark..
- ☐ Elevation of low point in top of embankment excluding spillways.
- ☐ *Soil erosion and sedimentation control measures.*

For a new dam include:

- ☐ Embankment top elevation and streambed elevation at downstream embankment toe.
- ☐ Structural height (embankment top elevation minus streambed elevation at downstream toe).
- ☐ Embankment length, top width, bottom width, and upstream and downstream *slopes (vert./horiz.)*.
- ☐ Proposed normal pool and design flood elevations.